

Bulletin

University of Toronto

Friday, February 25, 1977

No. 24

30th Year

GOVERNING COUNCIL

Council reinstates TYP, increases formula fees

Among several items considered by the Governing Council at its regular meeting Thursday, Feb. 17 were recommendations concerning the Transitional Year Program, a proposal for fee increases for undergraduate and graduate students, and proposals for capital project priorities.

President John Evans thanked the TYP Task Force members and task force chairman Father Kelly in particular for acting with such alacrity in completing their report. The recommendations, which

were passed by Council state:

(1) That the University of Toronto recognizes that the need for a TYP program still exists.

(2) That the TYP program at the University of Toronto should be reinstated, by September 1977, if at all possible.

(3) That the program curriculum should consist of three courses: an English Studies course, which will be of double weight and workload; a Social, Natural and Physical

Continued on Page 7

Governing Council — February 17, 1977 (Including action taken at Committee level)

- Approved amendment to Governing Council policy on Appointments and Remuneration deleting "Associate Chairman or Assistant Chairman"
- Approved transfer of Higher Education Group to O.I.S.E.
- Approved a number of recommendations for the reinstatement of the Transitional Year Program by September, 1977
- Approved submissions of capital project priorities for 1977-78 to the Ministry of Colleges and Universities
- Approved increase in formula fees for all undergraduate and graduate students effective spring/summer and fall terms respectively in 1977
- Approved the establishment of a University of Toronto Press Board as a Presidential Advisory Committee
- Approved the appointment of Richard Alway as Warden of Hart House beginning July 1, 1977
- Approved the terms of reference, composition and membership of the South-west Campus Redevelopment Task Force
- Approved that the Presidential Advisory Committee on the Campus as Campus Centre Project convene to re-examine the project



The Sandford Fleming fire, Feb. 11, which did millions of dollars' worth of damage, allowed U of T staff to show their mettle. SEE STORIES ON PAGES 4 AND 5.

Academic Affairs recommends fee increase 'with great reluctance'

At the Academic Affairs Committee meeting, Thursday, Feb. 10, the proposal of the Minister of Colleges and Universities that fees for undergraduate and graduate students be raised received considerable discussion, and was eventually passed "with great reluctance" by the Committee.

By way of background to this item, President John Evans pointed out that MCU had accepted a recommendation made by the Ontario Council on University Affairs regarding an increased level of funding for universities, and had decided to share the burden of this increase with "the users of the system".

Accordingly, MCU stated that the formula fee for all undergraduate programs was to be raised by \$100 and the formula fee for all graduate terms was to be raised by \$50. The Minister added that he hoped universities would increase their tuition fees accordingly, President Evans said.

Vice-President and Provost Donald Chant reviewed for members the financial implications for the University of not implementing the fee increase suggested by MCU, and various members stated that it seemed obvious that the University had little choice but to implement the fee increase.

The effect of the fee increase might not, in fact, be felt by students presently enrolled, one member noted. Studies have shown, he said, that students now attending university come from relatively affluent families — a trend which would likely continue in future. Rather, the increase might have its greatest effect upon students contemplating attending university, by serving as a psychological deterrent. Were this proposal to be passed by the Committee, the University should make it clear to MCU that it disagreed with the Minister's financial policy, he said.

It was pointed out that as the last

fee increase had taken place five years ago, inflation since that time made a \$100 increase not an unreasonable one.

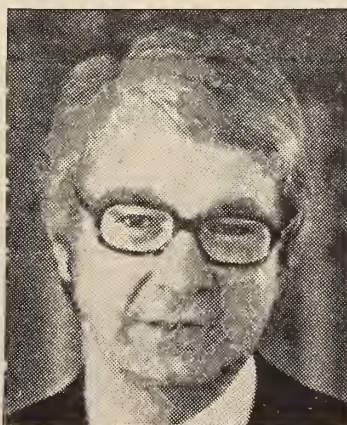
The fee increase, which was discussed by Governing Council at its Feb. 17 meeting, was accepted by that body, and will affect undergraduates in the spring/

summer 1977 term, and graduate students in the fall 1977 term.

The Committee also agreed to exempt the Faculty of Food Sciences from the University's Grading Practices Policy.

The next meeting of the Committee will take place Thursday, Feb. 24.

Richard Alway named Warden



Richard M.H. Alway, 37, has been appointed Warden of Hart House for a five year term effective October 1, 1977. Alway succeeds Prof. Jean Lengellé, who has been Warden since 1972.

A native of Hamilton, Alway has been associated with U of T for the past 19 years. He was a member of the House Committee of Hart House 1960-61, graduated from St. Michael's College in 1962, and

on a Canada Council Graduate Fellowship, 1970-71, carried out research on the University's fifth president, Robert Falconer. From 1971-73 he acted as director of research for the University's Sesquicentennial History project. He was Dean of Men at Trinity College from 1973 to 1975 and is presently a member of the corporation of that College.

Since 1973, Alway has been Senior Policy Consultant with the Canada Studies Foundation — a private, government-financed education organization — and a member of its Board of Trustees. Since the fall of 1977 he has also acted as a news analyst and commentator for CFRB. A reception to introduce Alway to Hart House staff, at which Warden Lengellé acted as host, took place Thursday, Feb. 24.

The previous Wardens of Hart House have included Burgon Bickersteth (1922-1947), and Joe McCulley (1952-1965) who died Feb. 9, 1977.

U of T sues city over demolition permit

Despite Mayor David Crombie's warning that it was acting illegally, City Council defeated a motion on Feb. 14 to issue the University with a demolition permit to tear down the houses on the site of the proposed \$11 million athletic complex at the corner of Spadina and Harbord Streets. The city awarded U of T a building permit early in February, and according to planning by-laws, the University was entitled to a demolition permit.

As a result of the Council's vote, the University has taken the city to court for the first time in memory. The hearing will be held on Friday, Feb. 25.

The University must have its demolition permit and be ready to proceed with construction of the complex by March 3 or it could lose up to \$180,000 in interest on a four-year \$3 million grant awarded earlier this year by the provincial government. March 3 represents the final deadline by which all universities must have submitted their list of capital expenditures to the government in order to get money from this year's provincial budget.

The loss of \$180,000 could affect the quantity of sports and lab equipment in the already tightly budgeted athletic building.

Although the motion to approve a demolition permit for the athletic

complex site was supported by Mayor Crombie and the whole executive committee, it was defeated, after a lengthy debate, on an 8-8 vote. Those opposing issuance of the permit included four new aldermen elected last December and the two representatives of Ward 6, Allan Sparrow and Dan Heap.

The athletic building has long been opposed by residents in Ward 6, especially by the Huron-Sussex Residents Organization. Alan McAllister, who has led the residents' fight against the complex for nearly three years, was ecstatic at the Council's decision, but admitted, "I have no idea if this will really stop the project."

FORUM

Arrabal's *J'irai comme un cheval fou* not really "banned"

To the Editor:

During French Week three films of Arrabal were scheduled. The first was shown uncensored within the University. The second was presented in censored form in a commercial cinema. The distributor withdrew from his agreement to rent the third. Since false information about the "censoring" of these films is circulating, I should like to be allowed to offer some statement of the facts as I understand them.

I have neither the legal nor the technical expertise to explain the necessary background. I gather, however, that the approval of the

Ontario Board of Censorship (OBC) is not required for films shown privately in Ontario, but those responsible in any way for showing films judged offensive may be prosecuted in the courts. Films shown commercially must have the approval of the OBC.

Films for the commercial circuit are usually in 35mm. The University, by virtue of fire marshal's regulations, is unable at present to show 35mm films on its premises. On the other hand, 16mm films are shown routinely by almost all University divisions and departments without an Ontario censor's certificate.

The Arrabal films scheduled for

French Week were *Viva la Muerte* for Feb. 4, and for Feb. 10 *L'Arbre de Guernica* and *J'irai comme un cheval fou*. As the only available copy of the last film was in 35mm, a commercial cinema was rented for the Feb. 10 showings. Though no tickets were to be sold at the door, the OBC insisted that Ontario censorship procedures be followed for all films shown, including shorts.

In December the CBLFT French network showed *J'irai comme un cheval fou* at 11 p.m. The film was transmitted from Quebec and no actual copy of the film entered Ontario. It provoked a hostile reaction in certain quarters, notably in the office of the Attorney-General of Ontario. At this point the distributor of the film stated he would not rent the film to the French Department for showing in Ontario. He had reason to fear that any showing of this film would be stopped by the police, and the copy of his film impounded. The *Bulletin's* statement of Jan. 28 that *J'irai comme un cheval fou* had been "banned" was true only in the way I have described. This film has never been submitted to, and thus not cut by, the OBC and has been shown in Ontario only on television.

Viva la Muerte was obtained in 16mm and was shown twice in Ciné-Cent-Six on Feb. 4. No admission fee was charged. (It has been shown once before, in 1975.) It was not viewed by the OBC and was presented in the form it reached the University from the distributor. A notice was placed by both entrances indicating that the film contained passages which some might find objectionable. A few people left during the film. At least one of these, a student, complained about the film to me and to the OBC.

On Feb. 8 and 9, in interviews with journalists and in public discussions within the University, Arrabal protested against the "censorship" which prevented the showing of *J'irai comme un cheval fou*. He offered to appear on television with the Attorney-General to defend his film.

It was in these circumstances that *L'Arbre de Guernica* was viewed by the Ontario censors on Feb. 9. Five cuts, all involving sex, were made and two minutes of film were lost. As an example, I quote the OBC's description of one of the excisions: "Eliminate view of flaming torch in vicinity of man's penis".

During the discussion with Arrabal following the showing of *L'Arbre de Guernica* protests were made against the cutting of the film and a letter of protest was signed by several people and sent to the OBC.

D.W. Smith,
Chairman, Department of French.

Library's book budget inadequate

To the Editor:

The following resolution was adopted unanimously at a well-attended meeting of the History Department Friday, Feb. 11. I would be grateful if you would draw it to your readers' attention.

"The members of the History Department have learned with alarm of the University authorities' failure in recent years to increase the Library's basic book budget, and of the consequent reduction by some 40 — 50% of the subject allotments, together with the amount allocated for duplicate copies.

"Such a decision seems to us totally unjustifiable in the light of (a) the greatly increased cost of book publication and periodicals, (b) the role which the Robarts Library plays in serving the needs of the wider community outside the University of Toronto and (c) the obvious needs of our growing student body.

"We are particularly concerned

to note that other universities in this province have made much more generous provision for their libraries than the University of Toronto.

"Further, we are particularly concerned as historians because the written word is the primary tool of our discipline; one that we must use constantly ourselves, and have to teach our students to use. The subject matter of our discipline — the experience of the past of civilized mankind — is accessible to most people, historians or not, only by this means.

"We therefore earnestly urge those responsible for negotiating the book budget in 1977/78 and in future years to compensate the Library for the loss it has been obliged to suffer in recent years and to ensure that its resources are fully adequate to enable it to perform its role of supporting teaching and research."

John Keep
Department of History.

UTFA creating adversarial situation

To the Editor:

This letter is being written in response to the Faculty Association Newsletter Number 5 (January 1977) written by Professor J. Daniels, its president. He sought to provide information on the state of the negotiations between UTFA and the University and to explain why we need an employment contract.

In our view the spirit in which these negotiations are carried out is as important to the future well-being of the University as is the final document. Thus, it is important for each of us to contribute to the maintenance of an appropriate climate of good-will and co-operation. Unfortunately, we find ourselves forced to view Professor Daniel's remarks as contributing to an adversarial situation within the University. As such they can do nothing but harm.

The administrative officers of

the University are being put in an impossible position through demands that they cannot meet. At the same time, the majority of the administrative staff is composed of academics who have assumed often difficult and thankless tasks for limited periods of time as a contribution to this university and society. They are part of us, the teaching staff. For UTFA to put them in a position where they cannot function adequately is to invite serious repercussions.

We urge Professor Daniels to adopt a more positive attitude towards the efforts of the administration and to desist from his inappropriate approach to the present discussions.

G.W. Heinke, F.A. DeLory, G.N. Stewart, T.C. Kenny, E.S. Lee, P.M. Wright, G.R. Slemon, G. Will, M.M. Davis, K.A. Selby; Engineering faculty members.



BYGONE TORONTO, a look at Toronto from 1900-1916, is the subject of a symposium March 5, sponsored by the School of Continuing Studies. See Events, Page 8.

Staff performance review

The Personnel Department has recently distributed to all locations for insertion in the Administrative Section of the Manual of Staff Policies a revision of last year's performance appraisal program, which is entitled "Performance Review — Administrative Staff", Code Number 4.02.08. This revision followed discussion by various groups and individuals within the University and, in particular, representatives of the UTSA/Personnel Liaison Committee.

From discussions with staff, it is apparent that the vast majority of administrative personnel want a performance review program. The main concern relates to the quality of these reviews in that they should not become a paper exercise but, rather, involve effective two-way communication. It is hoped that this objective is adequately emphasized in the documents that have been distributed for the Manual.

All copies of the Manual of Staff Policies should by now include this material and thus are available to be read by all staff. In addition Manuals in the Personnel Department and the Office of the Ombudsman are available to staff members who might wish to go to these locations to read a copy at their leisure.

Following this year's performance reviews, supervisors and staff members are invited to submit comments to the Personnel Department on the effectiveness of the program from their respective viewpoints.

The target date for the completion of all performance reviews is April 15.

"Joe McCulley's door was always open to students"



Joseph McCulley

The late Joseph McCulley, Warden of Hart House from 1952 to 1965, once said, "There are three kinds of persons: those who like things, those who like ideas, and those who like people." Joseph McCulley liked people.

As Warden of Hart House, Joseph McCulley had ample opportunity to satisfy his interests. Ian Montagnes, editor at U of T Press wrote some years ago, "His 'open door' policy made him accessible to students who dropped in without an appointment and were often his guests for dinner. 'If you're going to help,' Joe McCul-

ley would say, 'you can't do it in five minutes. You've got to find out what makes a person tick.'

"The Warden would rarely give direct advice. 'I don't think any human being ever knows enough about other human beings to tell them what they ought to do,' he used to say. What Joe McCulley offered was friendship, a quiet place to talk, information, and perhaps an introduction to friends.

"His own friends were spread around the globe from student days at U of T and Oxford, where he studied on a Massey Fellowship; from 20 years as headmaster of Pickering College; five years as deputy commissioner of penitentiaries for Canada; the YMCA; Khaki University; and, Warden of Hart House.

"He first began teaching in a Sunday school at the age of 13, and remained in education, always trying to help boys and men stand on their own feet through faith and friendship. His aim was perhaps best summed up in something he used to say to the boys at Pickering while he shared a delicacy brought back from Toronto. It was: 'The good life shared by all'."

A special tribute to Joseph McCulley, who died Feb. 9, was held in Hart House on Feb. 23.

Women's Studies seeks staff

Anyone interested in teaching/research in women's studies, who has a doctorate and research experience in this area, should send curriculum vitae to the Principal of New College.

It is anticipated that two appointments will be made, one in literature, the other in history or social science. The appointments will involve co-ordinating the core course in the Women's Studies Program and teaching one other course in this area.

Candidates from any discipline will be considered, but the following disciplines would be most appropriate: English, French, History, Psychology, Sociology, Political Economy, Philosophy, Anthropology.

Appointments may be made: 1. on a cross-appointed basis from members of the full-time academic staff of other divisions; OR 2. on a tutor or senior tutor level, full or part-time.

UNIVERSITY
of TORONTO
Bulletin

Readers are invited to submit letters for inclusion in Forum. Letters should be double-spaced, typewritten and addressed to the Editor. If space permits, the entire letter will appear; however, the Editor reserves the right to edit all material.

Published by the Department of Information Services,
45 Willcocks Street, Toronto, Ontario M5S 1C7
Telephone 978-2102

Dr. Robert M. Filler

Dr. Robert M. Filler has been appointed surgeon-in-chief of the Hospital for Sick Children. He was responsible for the surgical care of children at the Sidney Farber Cancer Center in Boston. A graduate of Cornell University and Washington University School of Medicine, his residency training was at the Peter Bent Brigham Hospital and the Children's Hospital Medical Center in Boston.

Dr. Filler is widely recognized for his contribution to parental nutrition. He is a founding member of the American Pediatric Surgical Society, a member of the Society of University Surgeons, a fellow of the American College of Surgeons and a diplomate of the American Board of Thoracic Surgery.

20 candidates contest 8 Governing Council seats

On or about March 4, 1977 ballots will be mailed to eligible voters for the election of eight new members of the Governing Council of the University of Toronto.

Six candidates are contesting three teaching staff seats. One candidate, Professor **Merrijoy Kelner**, has been elected by acclamation to a teaching staff seat (Constituency III). The remaining eight seats are held by the following members seated in previous elections: Professor Peter H. Salus, Professor Henry Auster, Professor B. Kovrig, Professor J. Michael Bliss, Professor J.W. Meakin, Professor R.M. Baxter, Professor W.B. Coutts and Professor G.A. Reid.

Mr. **J.D. Kraemar** has been elected by acclamation to one of the seats in the administrative staff constituency. As the remaining seat in this constituency is held by a continuing member, Mrs. G.H. Bishop, no election will be necessary this year in the administrative staff constituency.

Fourteen candidates are contesting five student seats. Three candidates have been elected by acclamation to the remaining student seats, Mr. **Christopher H. Rodgers** (Graduate Student Constituency I), Ms. **Sandra M. Jolley** and Mr. **Felix M. Salazar** (both to the Part-Time Undergraduate Student Constituency). As all student seats on Council carry one year terms of office, there are no continuing student members, except that Mr. Salazar has been re-elected by acclamation.

Sitting members whose current terms of office expire on June 30, 1977 are indicated below:

Teaching Staff

Constituency 1A — W.B. Dunphy
Constituency IE — M.W. Lister
Constituency II — R.W. Missen
Constituency III — M. W. Thompson

Administrative Staff

K.R. Bowler

Graduate Students

Constituency I — P.M. Jensen
Constituency II — David Vaskevitch

Full-Time Undergraduate Students

Constituency I — J.M. Burnes, R.N.D. Gardner
Constituency II — John Floras, M.E. Treacy

Part-Time Undergraduate Students

J.F. Gentry,
F.M. Salazar (re-elected by acclamation)

In accordance with the *University of Toronto Act*,

1971 the remainder of the Governing Council will be composed of the President and the Chancellor (ex-officio), two presidential appointees, sixteen appointees of the Lieutenant-Governor-in-Council, and eight members who are not students or members of the teaching or administrative staff elected by and from among the alumni.

The election will be conducted by mailed ballot, ballots to be mailed to eligible voters on or about March 4, 1977. Ballots may be returned to the Governing Council Secretariat, Room 106, Simcoe Hall, by Canada Post, Campus Mail, or personal delivery.

Ballots must be received, by mail or personal delivery, at the Governing Council Secretariat by 12 noon Thursday, March 17, 1977, in order to be valid.

Any eligible voter who receives an incorrect ballot, or no ballot due to an error in records, may contact the Governing Council Secretariat, phone 978-6576 in order to obtain the correct ballot.

Details of the contested constituencies are outlined below, along with biographical or other comments supplied, on a voluntary basis, by the candidates.

The election is conducted by the Governing Council under the authority of the *University of Toronto Act, 1971*. Any inquiries should be directed to the Governing Council Secretariat at 978-6576. The election will close at 12 noon on March 17, 1977.

GC candidates comment on their suitability for office

Teaching Staff

"Teaching Staff" means the employees of the University, University College, the constituent colleges and the federated universities who hold the academic rank of professor, associate professor, assistant professor, full-time lecturer or part-time lecturer unless such part-time lecturer is registered as a student. ("Lecturer" includes associates and clinical teachers in the Faculty of Medicine, and associates in the Faculty of Dentistry. The categories of tutor and senior tutor are considered equivalent to that of lecturer for purposes of Governing Council elections only.)

Teaching Staff Constituencies:

In all cases a teaching staff member's constituency will be determined on the basis of his major teaching appointment to a faculty, college or school. Only in the case of a teaching staff member without a teaching appointment to a faculty, college or school, will his constituency be determined by another appointment. Teaching staff who hold a concurrent non-academic or academic appointment will vote in the appropriate teaching staff constituency.

Constituency IA — one seat

All teaching staff members who hold their major appointments in the federated Universities.

Dennis Duffy — Experience: University-Wide Committee; UTFA Council/Executive; A&S General Committee; Departmental Council; Departmental Academic Secretary; College Committees, including advisory positions to student organizations.

Issues: Upcoming review of Memorandum more important to our constituency than unionization/collective bargaining. Need to: establish collegiate status for incoming staff, assess College programs and their relation to traditional disciplines, examine personnel and spatial allocations. All these tightly linked with budgetary questions and role of humanities on campus.

Jane Millgate — an Associate Professor in the Department of English, has taught at Victoria College since 1964. She has served on a wide range of college, department, and professional committees and is the author of a book on Macaulay and on numerous articles on nineteenth and twentieth century literature. She believes that the Federated Colleges should have a strong voice in the deliberations of the Governing Council.

Constituency IE — one seat

All teaching staff members in the Faculty of Arts and Science who hold their major appointments in the Departments of Astronomy, Chemistry, Computer Science, Geology, Mathematics, Physics, Botany, and Zoology, except those who hold their major appointments at Scarborough College or Erindale College.

W.G. Friend — Professor, Zoology (joined 1958). Committees: Design of New Zoology Building (Chairman) 1962; Macpherson 1966; Implementation of New Academic Programme 1967; Design of Biology 110 1971-73; Campus as Campus Centre 1975;

Provost's Task Force on Transitional Year Programme 1976; Governing Council Subcommittee on Curriculum and Standards 1977; Appointed half-time Woodsworth College 1976. Major research interests, Insect feeding and Nutrition, 40 publications. Major teaching interest, Introductory Biology and Insect Physiology.

Maurice W. Lister — Professor of Chemistry, M.A., D. Phil. (Oxford). On staff since 1949. Served on many departmental and university committees. Former member of UTFA Executive. Member of Toronto Board of Education for ten years, and Chairman in 1970. Member of Metropolitan Toronto School Board for four years. Member of Governing Council since 1975. Particularly interested in academic standards, and member of Academic Affairs Committee; chairman, Subcommittee on Admissions, Awards, 1975-76. Supports UTFA position on contract negotiations.

Graduate Students

"Graduate student" means all students registered in the School of Graduate Studies.

Constituency II — one seat

All students in the Graduate Department of Educational Theory; Division III (Physical Sciences) of the School of Graduate Studies; and Division IV (Life Sciences) of the School of Graduate Studies.

Leonard Avruch — Ph.D. student, Zoology, M.Sc., Chemistry, Simon Fraser University (1974)

I am running in this election as a political novice, though not as a political innocent. My ability to argue for policies favourable to graduate students is limited by the limited power base of graduate students themselves. I hope to establish continuing liaison with other graduate organizations (GSU, GAA, *Grad Post*, SGS Governing Council) in an effort to better co-ordinate what influence we do have.

Gerald Mintz — I am a Ph.D. student in Biomedical Engineering. This year I served as a representative on SGS Council and was instrumental in establishing a

Constituency II — one seat

All teaching staff members in the Faculty of Applied Science and Engineering.

Stewart Lee — is a Professor in the Department of Electrical Engineering, and is cross-appointed to the Department of Computer Science. He is a past-chairman of the Computer Systems Research Group. He has been active on faculty committees, and currently serves on the Faculty Examinations Committee and on the Decanal Program Review Committee. His research interests are in the areas of computer organization, computer systems, and computer software.

Fred Rimrott — Ph.D., P.Eng., Professor of Mechanical Engineering. At U of T since 1953, student, teaching assistant, research assistant, assistant, associate and full professor.

Student Union in our Institute. As an undergraduate in Manitoba I was a member of the Student Council Executive and a representative on Departmental and Faculty Councils and, as well, served on the Curriculum Committee. I feel that I have both the experience and the motivation to serve on Governing Council.

Doug Pattison — 23, a native of London, Ontario; currently undertaking a joint M.A.Sc. program in Biomedical and Industrial Engineering; received B.A.Sc. degree in Systems Design at the University of Waterloo; served on both the Senate and Board of Governors at U of W; member, University of Toronto novice rowing crew (1976 O.U.A.A. champions); selected for the 1977 Hart House Finnish Exchange; student representative, U of T Governing Council's Task Force on Energy Conservation; enjoys folksinging, whitewater canoeing.

David Vaskevitch — I believe that the University should be a place which all members of the academic community can live and work in. Students particularly should feel that they are an important part of the University. The key to this goal lies in making U of T a more human institution. As a student, with over a year of experience on Council, I will work to make this a better place for everybody.

Full-Time Undergraduates

"Full-Time Undergraduate Student" means all students registered at the University in a program of full-time study, who are not registered in the School of Graduate Studies. All students in an Arts and Science program, on all campuses, will be considered full-time if enrolled in four or more courses for electoral purposes.

Constituency I — two seats

All students registered in the Faculty of Arts and Science including Erindale College and students registered at Scarborough College.

Oliver Bush — Experienced in government and media; Joint Board of Stewards, College Committee, Associate Editor Literary Review and Head of Year. In times of increasing economic restraint we must ensure that the quality of student services is maintained. Students should work together with faculty to achieve lasting solutions to fiscal dilemmas. Communication of our views is thus imperative. We must take decisive action to achieve more effective use of the student dollar.

Steve Dafoe — I am running as part of the Committee Against Racism's campaign against U of T discrimination towards immigrant and visa students, and also against education cutbacks and administrative growth.

Continued on Page 6

Renovation would mean extensive, costly redesign

by Jake Koekebakker

A preliminary assessment indicates that the Sandford Fleming Laboratories, heavily damaged by fire on Feb. 11, may be restorable.

Howard Milne, manager of U of T's design and engineering division, said that whereas restoration to its former state is feasible, it is unlikely such a move would be permitted without considerable upgrading to meet the new Ontario Building Code requirements. This would involve extensive redesign, he pointed out.

Milne said last week that no definite statement about the structural soundness of the building's load-bearing walls can be made. "However, a cursory inspection, carried out on Feb. 15 and 16, suggests that the walls have not been badly damaged," he said. "No heat cracks are evident although collapse of the heavy steel framework supporting the roof and skylight above the large lecture theatre has caused damage to the walls and piers. These areas can be easily repaired," he added.

"In the basement, and on the first and second floors, surface finishes can be readily cleaned and materials replaced," he said. "Light and heat can also be restored in these areas."

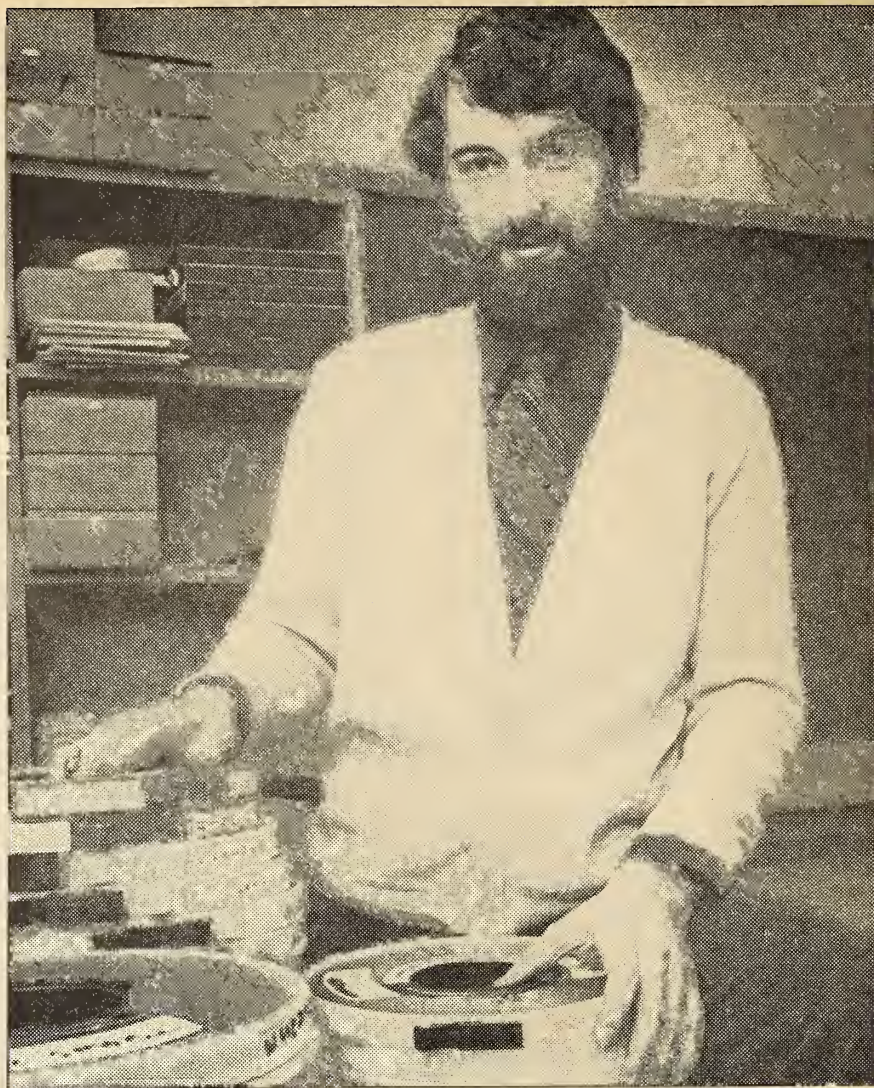
According to Milne, the fire apparently started in the southeast

corner of lecture room 126, spread to the ceiling space above and then travelled through a ventilation duct to the attic space south and west. A fire wall between the Sandford Fleming and the Galbraith buildings prevented the spread of fire in the north wing, as did one between the main building and the Burton Wing.

Herbert Gladney, the University's chief fire prevention officer, said that one of the main reasons the fire spread as far as it did was the "triple ceiling construction" on the third floor, which prevented water from firefighters' hoses reaching the flames. He said the ventilation ducts also contributed to the spread of the fire by feeding it with fresh air.

Said President John Evans at a press conference held Friday, Feb. 18, "We are looking into the possibility of some kind of restoration for this historic campus landmark. Our final decision will be based on the amount of funds raised by our alumni, the insurance settlement, the requirements of the building code and the needs of the engineering faculty and students."

University officials have pointed out that the costs of renovations will undoubtedly exceed the amount of the insurance coverage.



Anton Davies examines computer tapes, representing three years' research, that he rescued from the Sandford Fleming blaze, Feb. 11.

"After the roof fell in, there wasn't much to save"



Many engineering faculty and researchers found their offices buried under piles of rubble from Sandford Fleming's roof.

by Jake Koekebakker and Robbie Salter

When Anton Davies, engineering PhD student, heard on his radio that the Sandford Fleming Laboratories were burning, he dressed with the speed of a fireman and broke records rushing to the scene. With the help of the fire marshal, he located his 74 computer tapes representing three years of research and carried them in garbage pails through the downpour of water from the fire hoses. The tapes now rest high and dry on a shelf in the mechanical engineering building, awaiting the moment when Davies can complete his thesis on atmospheric turbulence in and around Toronto. Says Davies, "Two things impressed me most that morning: how quickly and efficiently the fire marshal directed the operation, and how quickly I was able to get dressed."

But Davies was one of the lucky ones. Temporary "homes" are still being sought for dozens of professors and graduate students, many of whom lost papers, materials and equipment representing months of labour. Paradoxically, it was not the fire itself which wreaked a large part of the havoc evident on Friday morning, but water.

In the Sandford Fleming's south wing, and in the Galbraith Building — home of the electrical and civil engineering departments — a small Niagara cascaded down connecting corridors and stairways, found its way under floors and above false ceilings, and inundated anything left uncovered. Dean of Engineering Ben Etkin found his office awash, almost a block away.

Smoke and water left their marks in almost every area, completing the destruction the fire had begun. Papers left on desks were turned into sodden masses or had holes eaten through them from water drip and corrosive action. Books on shelves were waterlogged, many of the framed citations which commonly hang on engineers' walls were water-streaked, and anything left on floors was soaked beyond redemption.

Several days after the fire, when one-time occupants were allowed in the buildings to salvage what they could, they found themselves picking their way through rubble which lay, in some locations, four feet deep. The roof had caved in over several laboratories and offices, and by the time the occupants

arrived, they found that what was left of their books, papers, files and journals had been solidified by frost into a gelid, unsalvageable mass.

Although both staff and students worked throughout the weekend following the fire trying to minimize the damage, they found their task to be, in many cases, quite hopeless.

The Division of Engineering Science, occupying the northeast wing of Sandford Fleming's third floor, was demolished, including the division office and common room. Four professors in the electrical engineering department occupying an adjacent area on the same floor found little to salvage in their offices and laboratory, even though firefighters had covered some of the equipment with tarpaulins. Two of the University's largest lecture rooms — 126 and 136 in Sandford Fleming — were gutted.

Assistant professor of engineering Frank Holmes, who used to have his office on the third floor of Sandford Fleming, is now homeless. According to Holmes, fire raged through half his office before it was doused by firefighters. Then, the roof fell in, and after that there wasn't much hope of saving anything, he says. He lost most of his papers, journals and files as well as a lot of electrical equipment.

Prof. A.J. Cousin, in the office next door to Holmes, lost tapes and print-outs representing several months of work. A small computer system and research projects belonging to Cousin and to electrical engineering department chairman K.C. Smith, were also damaged. "A fairly important part of our lab is gone," Smith said, grieving over the loss of papers and journals. "But what concerns us most is the long-term effects of the water on the electrical equipment. When you look at it now, it appears unharmed, but when I was there just after the fire, it was sitting in a virtual rainstorm. Moreover, there seems to be something in the water that causes corrosion — it will certainly give us trouble."

Among those hardest hit by the fire was L.E. Jones, Professor Emeritus of Engineering, and Engineering Archivist. Wearing his hard hat and rubber boots, he prowled through the rubble of what had once been his storeroom in the attic of Sandford Fleming and declared himself "bereft." Lost in the fire were 40 years of records and memorabilia, books dating back to the 1700's which he had collected for the

University, and all the material he had been gathering for the matrix of a U of T museum of engineering.

Rather wryly he recounts that he had deferred the transfer of materials from the attic while he completed the editing of a book dealing with the history of engineering on campus — a Sesquicentennial project. "At the time," he says ruefully, "a store-now, sort-later plan seemed attractive."

Although Prof. Jones is only one of many who saw their work destroyed, his losses may be the most extensive due to the historical value of documents involved.

However, despite considerable damage to key teaching, research and working space, undergraduate programs for thousands of engineering students continued virtually without a halt. With Sandford Fleming still smoldering, Associate Dean of Engineering P.I.P. Boulton was directing emergency measures from a command post in the Mechanical Building across the street. Although classes were cancelled for the day, students were told it would be "classes as usual" the following Monday.

Early the following week, an emergency task force was established, headed by Assistant Dean Robert Jervis, charged with making a detailed inventory and assessment of loss and damage, relocating staff and students and initiating action to repair or replace damaged and destroyed materials and equipment.

Although much of the Burton Wing was, according to Etkin, "in pretty good shape", and some lecture areas there were expected to be returned to operation in a few weeks, emergency relocation for most classroom areas was planned for the rest of the term.

"I have no doubt that the solutions available to us will mean extended class hours," said Etkin. "We will have to compensate for the loss of space with time."

As regards housing of faculty, Jervis indicated that perhaps 20 professors and researchers would have to move from the southeast wing of Sandford Fleming, and that another dozen, driven from other parts of the building by water damage, would have to have accommodation provided also.

Predicted a beleaguered but optimistic Etkin on the fifth long post-fire day, "I expect within the next ten days we will see much of this settled down."

Library's 'disaster team' effects dazzling rescue

by Jake Koekebakker
and Robbie Salter

Even as firefighters were rolling up their hoses from six hours spent battling the Sandford Fleming blaze, U of T librarians were setting in motion a dazzling book rescue operation in an effort to save the contents of Canada's finest engineering library. Late Friday afternoon, as soon as the library area had been declared accessible by the city fire marshal and the building inspector, a recently formed "disaster rescue team" of librarians moved in to assess the damage. Two factors allowed them to carry out the subsequent salvage operation: a "disaster contingency plan", conceived scant months before, and the availability of space in the Science and Medicine Library.

When the library rescue team first entered the building for a damage estimate, they pronounced about 50,000 books dry, another 5,000 to 10,000 volumes partly wet or damp but salvageable, and the remainder, mostly serials, soaked beyond reclamation.

However, what was clear from even a cursory inspection was that the books would have to be removed from their soaked surroundings as soon as possible. Having survived fire and water, they were then threatened by a danger just as destructive — mould. "That mould is vicious



Library staff member Seaman McClaferty demonstrates how wet pages were separated and books placed on end to dry.

stuff," says Merill Distad, a senior bibliographer at the Robarts Library. "The spores are always present in the air, and given damp

conditions they start to germinate at just above 40 ° F."

The three days following the fire then became a race against time.

"We knew we had about 72 hours before the danger posed by the mould became a real threat," says librarian Gordon Wright, "so we started immediately."

"There was a nucleus of 10 or 12 individuals who were on the go constantly from Friday to Monday evening," Wright says. Many of these people were doing more than just a job. They felt intimately involved with what had happened, and were pushing themselves beyond the limits of endurance."

To complicate matters, the rescue operation involved not one move, but two. As the engineering volumes were delivered to the basement of the Sigmund Samuel Library, Science and Medicine library staff, who had advanced their own move into newly renovated quarters next door by 48 hours, were vacating space to accommodate the beleaguered engineering books.

The problems of packing and moving the wet books had to be solved quickly, and ingenious library and moving personnel rose to the occasion. As cardboard cartons were unsuitable for holding the wet materials, a few telephone calls yielded a solution: Becker's Milk Company offered to lend the University 1,000 plastic crates to meet the emergency. Then the inventiveness of Clifford Van and Storage Limited

solved the problem of how to get the books out of the building. Movers rigged a chute from a second floor window to the door of the van, and the plastic crates, packed with a dozen books each, were slid down the 45 ° incline into the waiting truck. One load was moved Saturday afternoon, and two more on Sunday.

Meanwhile on Sunday, library workers at Sandford Fleming were furiously working to get salvageable books out of the damaged library area for fear it would be closed to them for safety reasons. Haste lent new vigour to their labours, and between 7.00 Sunday evening and midnight, 11 stout-hearted souls sorted and filled 600 plastic crates. At the same time, library workers had begun to sort through Sandford Fleming's collection of monographs — irreplaceable Master's and PhD theses. They found 350 miraculously untouched, but 600 were soaked. These volumes were packed up to be taken to a freezer room at the Wallberg Building where they were flash frozen to -40 ° C in preparation for subsequent vacuum drying at the Federal Institute of Environmental

By Monday, 60,000 engineering books had been moved into the recently vacated "A" storey in Sigmund Samuel, the 600 soaked theses had been frozen, and

Continued on Page 7

Resourcefulness of UTCC staff saves irreplaceable tapes

by Linda Wright

For Nancy Okada and Adam Love, U of T Computer Centre staff, the late hours of Thursday, Feb. 10 were going to constitute just another night's work. From Monday to Friday, UTCC maintains round-the-clock service on its big IBM computer in the Sandford Fleming Laboratories, and Okada, assisted by Love, was in charge that night.

"There weren't many people in the building after midnight," Okada remembers, "only a few students keypunching and reading cards. Not much activity. About 2.00 we heard the fire alarm, but it rang for only four seconds or so. We ignored it because we thought that tests, which had been conducted earlier on the alarm system, were still being carried out. Adam said to me at the time that the alarm didn't sound right for a test, but we forgot about it."

"Around 2.20 one of the campus police came in on his rounds, and as we were chatting with him, someone rushed down from the third floor and said that there was a small fire in the northeast wing. We weren't particularly worried: after all, it was catty-corner across the building from us, and two floors up. Then, about 3.00 we were informed that the fire had spread and that we would have to vacate the building. By that time Metro firemen were there — I have no idea who turned in the alarm. They told me I could make one phone call. I called Paul Scarborough, my supervisor, at his home and told him what was happening. He said to 'power down' and get out."

Says Rein Mikkor, Acting Director of the Computer Centre, "I was asleep when I got a phone call about 3.00 from Paul Scarborough, telling me there was a fire but that it looked as if it could be brought under control. I lay in bed thinking about it, and then decided I'd better come down to the campus and see for myself. By the time I got here — about 3.30 — everyone had been ordered out of the building."

"The first thing I thought about were the tapes," says Mikkor. "I talked my way back into have a look, and the question in my mind once I did so was whether the flames or the water would reach them. There wasn't much we could do for the computer — it had been covered well with tarpaulins — but the tapes were portable."

"I called on anyone who was around to help me: Don Gibson, our information officer, came with his wife; Sylvia May, our tape librarian, showed up and gave us a hand; staff from our other operation in the Burton Tower helped, as did Nancy and Adam who had gone over there to get warm."

"We weren't sure at the beginning how we would do it, as tapes and discs are so awkward to carry. There wasn't time to move them individually, so we improvised. We got together all the coat racks we could find in the building, threw the hangars off and stacked the tapes on them. By that time Physical Plant staff and campus police had come around, and they helped. We carried the tapes out of the building and through the little alley between Sandford Fleming's

south side and the Engineering Annex. We got a door open, and started placing them in the cafeteria. There were about 4,000 tapes and discs but we got them all out."

Says Don Gibson, "There was never any question about removing the tapes. Everyone associated with the computer knew their importance: they couldn't have been replaced, whereas the computer could have been, had it suffered substantial damage."

"We had enough time to remove the tapes and discs systematically. Because we use a colour-code system, we simply followed it. First we removed all the 'red seal' tape discs, containing information users have indicated they don't want erased under any circumstances; then 'yellow seal' materials, which are standard back-up tapes; then 'white' and 'green seal' items, which are work tapes. We tried to stack them in a more or less orderly manner in the cafeteria, but knew at the time they'd take a lot of sorting out."

"The entire job was finished in about two-and-a-half hours," says Mikkor, "and then we were ordered out of the building. There wasn't much else we could have done in any event. Between Metro firemen and U of T staff our big computer had been well covered, as had all the 'mini-computers' and peripheral electronic devices used by Computer Research Facility on the

second floor, and all we could do was hope. So we stood around and watched the roof fall in."

However, the computer was apparently untouched by fire or water; the tapes — thanks to the efforts of Rein Mikkor and his staff — were safe; and no lives had been lost. But for the UTCC staff, a new and pressing problem now presented itself — how to provide service to the users of the Sandford Fleming computer during the time it would be "hors de combat".

Stan Yagi, manager of services, explains the intricacies involved in arranging for the makeshift equipment which the University was able to use during the week following the fire. "It was like putting together a Cadillac with Volkswagen parts," he says ruefully. "IBM worked incredible hours at their headquarters on a set of equipment that we could use, pirating parts from other machines for us. Then Bell Canada came in and laid new lines. Now, when I say this I don't mean that they actually dug holes and laid lines," he laughs. "What they really did was to get inside our computer terminals and switch data lines so that our terminals were then connected to IBM's computer in Downsview, and not to the Sandford Fleming computer. It's a remarkably complicated process, and it took 30-40 people all weekend. On Monday most of our users were frankly amazed we had any service going at all."



The "core" of UTCC's rescue team, left to right, Nancy Okada, Don Gibson, Rein Mikkor, and Stan Yagi, relax following their exertions.



HOB—NOBBING WITH THE IN-CROWD: A vignette snapped on opening day at that new downtown department store.

PLANNING & RESOURCES COMMITTEE

Visa students' fees must be increased

The University of Toronto cannot afford to exempt visa students from the fee increase proposed by the Ministry of Colleges and Universities, the Planning and Resources Committee decided at its Feb. 21 meeting.

Having debated the issue at length earlier this month without arriving at a recommendation, the Committee proposed Feb. 21 that the fee increase suggested by MCU be implemented, but that financial assistance be made available. Moreover, the motion asks for a review in a year's time.

If accepted by Governing Council, this recommendation would mean that new undergraduate students from abroad would pay \$1500 for a two-term session, and new foreign graduate students would pay \$1950 for a

session or program. Visa students presently enrolled at U of T would be unaffected by the increases, which would go into effect with the 1977 spring/summer session for undergraduates and with the fall terms for graduates.

The motion states that the implementation of the increase is recommended "solely because of the adverse resource implications of not so doing," and "with great reluctance." A report before the Committee from the Office of the Vice-President — Research and Planning, pointed out that not to implement the increases would cost the University \$507,500 for 1977-78, increasing to \$2,030,000 annually after four years.

The Planning and Resources Committee motion also recommends that two funds of \$100,000 each be set aside to assist visa

students. One of these would be a fellowship fund to be administered by the School of Graduate Studies, while the purpose of the other fund would be "to assist otherwise qualified graduate or undergraduate students who would be unable to attend the University due to the differential between visa and domestic fees."

Earlier this month, the Committee failed to come through with any recommendation at all when two motions, one not to implement the increase and the other to raise fees for all students to cover the cost of the visa student fee differential, were both defeated, and a third motion, recommending implementation of the increases, ended up with a tied vote. The issue was reopened at the request of the Executive Committee of Governing Council.

Revise our constitution says Club of Gnu

by Mary Henkelman

The challenges Canada faces today can only be resolved by rethinking the constitutional basis of our society, said the Club of Gnu in a brief presented to the federal cabinet Feb. 17 in Toronto.

"Canadian politics," the brief states, "have always been characterized by wasteful and divisive confrontations . . . which sap its political and social energy. We must get away from a conception of federal/provincial relations — or relations among the provinces for that matter — as a series of zero-sum games. Canada deserves the best. Our politics should not be conducted in such a way that the provinces win and the federal government loses, or vice versa, but should operate in such a way that we all win."

The patriation and revision of Canada's constitution, say the fourteen students and professors who signed the document, is too crucial to be left to politicians. Steps should be taken to involve every class of Canadian through the establishment of a parliamentary constitutional commission, and a network of regional conventions, workshops and government-financed public forums.

Patriating the constitution, the group feels, demands a fundamental rethinking of the division of governmental powers. "It is simplistic to think that patriation of our constitution, in all but a nominal sense, can occur without at least some means of reaching agreement on the allocation of responsibilities for taxation, immigration, arts policy, telecommunications, resources, education, health and welfare, corporate

policy, and a range of other issues," they state.

The only solution is through the widest possible participation on the part of all Canadians, the group says, and delineates mechanisms for this return to grass roots democracy.

The brief, which was presented to an eight-member Cabinet committee by Physics professor and group spokesman Bob Logan, Sociology professor Saul Berkowitz, and four students, grew out of discussions on Canada's future. It was signed by fourteen Club members, including professors Paul Aird, Forestry; Peter Meincke, Physics; and Roselyn Stone, Physical and Health Education.

Logan, group spokesman, gave a five-minute introduction which was followed by forty minutes of informal questioning by the Cabinet committee. The brief was enthusiastically received and even applauded, according to Logan. Later the full Cabinet met to review the hearing, and response was again reported to be favourable. This was an historic meeting of Cabinet, the first ever held outside Ottawa.

The Club of Gnu, an informal group with about 50 members, has met at New College for weekly noon-hour discussions for the past two and a half years. Its name both alludes to the famed Club of Rome and plays with new spellings of new.

The group, founded by Logan, focuses on futuristic studies: in its first year discussions were general and theoretical; last year the theme was the achievement of a steady-state society; this year considerations have been practical and political.

Engineering library

Because of fire damage the **Engineering Library** is closed. It is hoped it will open on March 1, in its temporary location on the lower level of the Science & Medicine Library, 7 King's College Circle.

Books on loan from the Engineering Library must be returned to the Science & Medicine Library by **February 28**.

Student candidates for Governing Council make their case

Continued from Page 3

Full-Time Undergraduates

In recent years more money has been spent on administration and administrators, resulting in increased red tape and policies that scapegoat immigrant and foreign students. If elected I will use my position on the Governing Council to further the campaign against such policies.

Robert Davis — I am a second year Commerce and Finance student at New College. I am running for the position of undergraduate representative on the Governing Council. Should I be elected, I would place considerable stress on easing the financial burdens facing undergraduate students. I would also give attention to the upgrading of student services particularly social and athletic activities. It is time for undergraduates to elect a Council representative they can count on.

Colin Jackson — 3rd year Victoria College. Responsibilities that face your university in the years to come question the very academic essence of post-secondary education. My aim as your Governing Council representative would be to ensure that the quality of academic life is not sacrificed at the feet of government and administration cutbacks. To achieve my objectives I request your active support and ideas. My major concern is your concern. Please take the necessary first step. **Vote!**

Doug Kennedy — Increasing tuition, cutbacks, graduate unemployment, and widespread questioning of the value of higher education are symptoms of a fundamental change in the role of the university in society. It is essential that students have an active

voice in the direction of any such change since it will affect us deeply and directly. A strong voice on Governing Council will ensure that our needs are taken into account. This can only be accomplished with your vote.

Les Nemethy — A university is a city upon itself. Not only does U of T have a population of 20,000-plus, it is also the athletic, cultural, and intellectual hub of Toronto. Think of Governing Council as your own City Hall.

The Council deals with issues which affect each of you personally — tuition fees, academic standards, and budgets. So consider your candidate with care.

Nemethy: for energy, efficiency, and integrity.

Phil Ryan — Students' Administrative Council Communications Commissioner; member of St. Michael's College Senate and student-faculty council.

The Governing Council can, and should, resist government cutbacks. Excessive tuition fees must not be used to solve the university's financial problems. The Council also deals with issues such as grading policies, program requirements, and the faculty bargaining proposal, issues which affect all students. Strong representation requires the credibility, dedication and experience which I hope to bring to Governing Council.

Constituency II — two seats

All students registered in the Faculty of Dentistry, Faculty of Food Sciences, Faculty of Medicine, Faculty of Nursing, Faculty of Pharmacy, School of Physical and Health Education, Faculty of Education, Faculty of Applied Science and Engineering, School of Architecture, Faculty of Forestry and Landscape Architecture, Faculty of Law, Faculty of Music, Faculty of Management Studies, Faculty of Social Work (with

the condition that both members elected in Constituency II not be registered in the same faculty or school).

Note: This constituency includes full-time post-baccalaureate students not registered in the School of Graduate Studies.

Peter Neilson — With Governing Council's choices restricted by financial and political constraints, it must protect carefully the interests of the university and not give in easily to external or internal pressures against its general welfare. I would hope that in the next year the Council can be made more aware of the university's dangerous position. I would also hope myself to represent the particular interests of professional students, which are not necessarily those of other undergraduates.

Michael Treacy — has represented full-time undergraduate students in a variety of capacities at the University of Toronto for the past three years. Presently he is a member of Governing Council, Academic Affairs Committee, Presidential Budget Advisory Committee, Planning and Resources Committee, TYP Task Force. In the past he has served on the SAC Executive, Alumni and Physics Liaison Committees and the Engineering Society. He is anxious to continue working on behalf of full-time undergraduates.

Peter A. Wall — 25 years of age — second year, Faculty of Music — extremely active in Faculty affairs — experienced in Council and Committee activities — concerned with responsible and intelligent student representation on University governing bodies — "Students are still the prime reason for this University's existence and our education and our interests must always be at the forefront of all political decisions."

JOB OPENINGS

Below is a partial list of job openings at the University. Interested applicants should read the Promotional Opportunity postings on their staff bulletin boards, or telephone the personnel office for further information. The number in brackets following the name of the department in the list indicates the personnel officer responsible. Please call:

(1) Sylvia Holland, 978-6470; (2) Wendy Chin, 978-5468; (3) Manfred Wewers, 978-4834; (4) Ann Sarsfield, 978-2112; (5) Beverley Chennell, 978-7308; (6) W.C. Hooper, 978-8749.

Secretary III (\$9,330 — 10,970 — 12,620)

Library Automation Systems (1), Division of Laboratory Animal Science (4)

Laboratory Technician II (\$10,370 — 12,200 — 14,040)

BBDMMR (4), Pharmacology (4), Pathology (4), Microbiology & Parasitology (4), Surgery (4)

Porter (\$7,000 — 8,230 — 9,460)

Athletics, Benson Building, 4.30 — 11.30 p.m. Monday to Friday (1)

Graphic Artist II (\$9,330 — 10,970 — 12,620)

Scarborough College (2)

Programmer II (\$12,110 — 14,250 — 16,380)

Health Care Research Unit (4), Computer Centre (3)

Electron Microscopy Technician II (\$10,370 — 12,200 — 14,040)

Pathology (4)

Engineering Technologist III (\$13,450 — 15,820 — 18,200)

Central Services, Faculty of Medicine (4)

Administrative Assistant III (\$14,900 — 17,530 — 20,160)

Dean's Office, Faculty of Medicine (4)

Energy Management Engineer (\$20,420 — 24,020 — 27,620)

Physical Plant (3)



At work upon the Hart House Crafts Club Sesquicentennial Quilt are, left to right, Mary MacDonald, Janet Page, Assistant Warden Audrey Hozack and Linda Offman.

PhD ORALS

Monday, February 21

John F. Morris, Department of Educational Theory, "The Planning Behavior and Conceptual Complexity of Selected Clergymen in Self-Directed Learning Projects Related to Their Continuing Professional Education." Thesis supervisor: Prof. V.R. Griffin. Round Room, Massey College, 2 p.m.

Friday, February 25

Juliana Agnes Altmann, Department of Chemistry, "A Theoretical Treatment of Unimolecular Rearrangements Using Classical and Quantum Chemical Methods." Thesis supervisor: Prof. K. Yates. Room 201, 65 St. George St., 11 a.m.

Monday, February 28

Richard David Christy, Department of Sociology, "Social Change and Post-Modernity: An Analysis of Social Space and Social Time in Canada and the United States." Thesis supervisor: Prof. W. Michelson. Room 111, 63 St. George St., 2 p.m.

ment of Sociology, "Social Change and Post-Modernity: An Analysis of Social Space and Social Time in Canada and the United States." Thesis supervisor: Prof. W. Michelson. Room 111, 63 St. George St., 2 p.m.

Tuesday, March 1

Brian William McEnnis, Department of Mathematics, "Characteristic Functions and the Geometry of Dilation Space." Thesis supervisor: Prof. C. Davis. Room 309, 63 St. George St., 2 p.m.

Friday, March 4

Hans-Bernhard Neumann, Department of History, "The Styrian Estates During the Counter-Reformation, 1578-1628." Thesis supervisor: Prof. J. Dent. Room 111, 63 St. George St., 10 a.m.

RESEARCH NEWS

Joint Program in Transportation

Proposals for 1977 summer projects and 1977-78 academic year projects are invited by the U of T — York University Joint Program in Transportation for a deadline of Feb. 28. Full or part-time faculty members of either university are eligible to apply; submissions must be on a Joint Program application form and must accord with the Program's published terms.

The Program will award funds for projects selected according to criteria of (1) innovativeness and (2) the contribution of the project to a community of research interest in transportation at the two universities. Both individual and group projects are eligible, but the Program reserves the right to seek partial or complete external funding for acceptable group projects.

Researchers whose work is supported by the Program in the current year are reminded that Feb. 28 is also the deadline for submission of research reports, which are assessed in the consideration of applications for continuing support.

For further information, call 978-2163.

MOH Humans Review

Applicants to the Ontario Ministry of Health are reminded that applications, due April 1, **must be accompanied** by certification of approval of the use of human subjects. To allow for adequate consideration by a review committee protocols must be submitted to ORA **one month in advance**. Call 978-5585 for further information.

Ontario Ministry of Education Educational Research 1977-78

For a deadline of March 14, the Ministry of Education invites submissions for one- or two-year projects for (a) educational research projects that are applicable to the current needs of education in Ontario or (b) educational research projects that are of a more exploratory nature. Proposals submitted through the University must be accompanied by a description, furnished by ORA, of all major educational research projects conducted at the University or intended for the year in which the project applied for will be funded.

For the format of the application and further details concerning allowable costs, etc., call 978-2163.

TYP reinstated, librarians commended

Continued from Page 1

Sciences course; and a regular first year University course selected from a list to be prepared by the program staff. Successful completion of the regular course will be credited in the future University program of TYP students.

(4) That enrolment in the TYP program will be limited to 50 students.

(5) That a Program Co-ordinator shall be appointed by the Vice-President and Provost and will report to the office of the Vice-President and Provost. The Program Co-ordinator will be responsible for all aspects of the program. Other staff shall consist of Course Co-ordinators and Supervisors, to be appointed by the Vice-President and Provost on the recommendations of the Program Co-ordinator. These administrative arrangements shall be reviewed in two years.

(6) That the Program Co-ordinator shall appoint an Advisory Committee consisting of all staff in the program, an equal number of students in the program, and two persons from outside the University. The Vice-President and Provost shall appoint the chairperson of this Advisory Committee, who will report to the Program Co-ordinator.

(7) That a student Selection Committee of five members shall be appointed by the Vice-President and Provost.

dent and Provost, with the Program Co-ordinator as chairperson. One member should be from the public sector, one from the private sector, and two from the University.

(8) That the entire TYP program be reviewed by the University after three years of operation, or earlier if the level of government funding is reduced from the current level.

Regarding the proposed fee increase, Council resolved: "solely because of the adverse resource implications of not so doing, it is recommended that the University implement with great reluctance fee changes as follows: for all undergraduate students a fee increase at the rate of \$100 per program be implemented effective the spring/summer term 1977, and for all graduate students the program or annual fee be increased from \$600 to \$750 effective the fall term 1977." The Council agreed "that the Budget Committee also should review the impact of the general fee increase on graduate students and consider adjustments for ameliorating the impact."

Council also approved for the St. George, Scarborough, and Erindale campuses, various capital project proposals for which provincial financial support will be sought in 1977-78. It was explained that these proposals could be divided into four categories of projects: those which had previously been funded by the University, but for which provincial funding is now being sought — e.g. Innis College; projects in progress for which Ministry approval has been received — e.g. the athletic complex; major renovation projects for which the University will be requesting provincial approval — e.g. University College; and possible utility and minor building alteration projects.

President Evans reminded members of the recommendation of the Bissell Committee that a Governing Council committee be established to be responsible for the governance of U of T Press. However, the President proposed that instead, a permanent Press Board be established whose terms of reference would include the review of policies related to scholarly publishing, and the management of capital and operating finances. As the Board should be involved in the search for a new Press director, the President said, there was some urgency about this proposal. Accordingly, Council agreed that a U of T Press Board be established as a Presidential Advisory Committee.

In his report to Council, President Evans spoke at length on the Sandford Fleming fire, and commended those University staff members who worked throughout the weekend following the fire. The University Computer Centre staff deserved high praise for their quick thinking in removing the computer tapes from Sandford Fleming, he said, commending in particular Rein Mikkor, UTCC director, and his colleagues, Paul Scarborough, Don Gibson, Nancy Okada, Adam Love and Sylvia May who worked through the night of Feb. 10-11 to move the tapes to an adjoining building. The Engineering Library staff also carried out "an incredible rescue operation," he stated, "working long hours in freezing temperatures. Gordon Wright, Maureen Hutchinson, Bonnie Brown, Merrill Distad, Joyce Leverman, Marietta Chadwick, Richard Landon and dozens of other staff from the Engineering, Science and Medicine and Robarts Libraries worked until midnight on the Sunday following the fire to save as many books as possible," he noted.

The next meeting of the Council will take place March 17.

After the fire, library frigid

Continued from Page 5

another 5,000 soaked volumes were spread out for drying.

On Tuesday a weary Bonnie Brown, engineering librarian, was sorting through the near-frozen stacks in Sandford Fleming, selecting the last of the salvageable material. Friday's dripping downpour had given way to sturdy stalactites, pointing downward to a floor that had to be salted for safe walking. Brown and her colleagues, clad in Arctic gear, worked 20 minute shifts, taking turns handling frozen volumes. "Tuesday morning, even the moving dollies were frozen to the floor," says Brown.

By Tuesday nearly 5,000 books were standing opened and on-end to dry. Workers were continually vigilant, separating still-damp pages to prevent their sticking together. According to Emrys Evans, bookbinder at the Thomas Fisher Rare Book Library, the books with coated paper gave the greatest trouble. "When these sorts of books get soaking wet and then dry, the pages just fuse together," he says.

However, by the Tuesday following the fire, no mould had appeared. Says Evans, "We've had lots of circulation, we kept the fans going and the windows open, and apparently we've been successful."

SESQUI U EVENTS

FRIDAY FEBRUARY 25

The Assassination of John F. Kennedy (Lecture) Tony Centa. 2074 South Building, Erindale College. 7.30 p.m. Admission \$2.50, students \$2. Audience restricted to 250. (Erindale College Alumni Association)

The Date and Meaning of a Great Renaissance Painting: The Ottawa Eve of Hans Baldung Grien (Lecture) Prof. A. Kent Heatt, University of Western Ontario. South dining room, Hart House. 8 p.m. (Toronto Renaissance & Reformation Colloquium)

Chemical Engineering vs. Industrial Chemistry: The Case of the Unites States in 1920 (Colloquium) Prof. Jean-Claude Guédon, Université de Montréal. IHPST common room, 4th floor Textbook Store. 2 p.m.

The Effect of Structural Constraints on Polymer Dynamics (Colloquium) Prof. M. Fixman, Yale University. 158 Lash Miller Chemical Laboratories. 4 p.m.

Jack Juggler (Tudor interlude in Scarborough Sesquicentennial Renaissance Festival) Meeting Place, Scarborough College. 8 p.m.

Canadian Creative Music Collective (Jazz Festival workshop) Music room, Hart House. 2 p.m.

Moe Koffman Quintet (Jazz Festival concert) Convocation Hall. 8.30 p.m. Tickets \$3.50 general, \$2 Hart House members available at HH hall porter's desk.

SATURDAY 26

Family Trees and Genetic Counselling (Lecture) Dr. R.M. Bannerman, School of Medicine, SUNY, Buffalo. Convocation Hall. 8.15 p.m. (Royal Canadian Institute)

Open House at Faculty of Music, Edward Johnson Building. Feb. 26 from 10 a.m. to 4 p.m., Feb. 27 from 12 noon to 2.30 p.m.

U of T Symphony Orchestra, conductor Victor Feldbrill. MacMillan Theatre, Edward Johnson Building. 8.30 p.m. Tickets \$3, students and senior citizens \$1.50. Telephone 978-3744.

SUNDAY 27

A hole in the bottom of the sea (Eighth lecture in special Sesquicentennial series at Science Centre) Prof. David Dunlop, Division of Geophysics. Main auditorium, Ontario Science Centre. 3 p.m.

U of T Symphonic Wind Ensemble, conductor Melvin Berman. MacMillan Theatre, Edward Johnson Building. 3 p.m.

Royal Conservatory Trio: Isidor Desser, violin; David Hetherington, cello; Marian Grudeff, piano. Concert Hall, Royal Conservatory of Music. 4 p.m. Tickets \$3, students and senior citizens \$1.50. Telephone 978-3771.

Knox College Choir under direction of John Derksen. Music by J.S. Bach, Brahms and Purcell in a Lenten service. Knox College Chapel. 4 p.m.

Arthur Ozolins, piano. Great Hall, Hart House. 8 p.m. Free tickets available to HH members from hall porter.

MONDAY 28

1977 Superior Geotraverse Conference. Sixth annual conference, Feb. 28 and March 1. Conference

fee \$15, graduate students \$7, covers conference volume. Information and registration, telephone 978-3021.

Interactive, Graphics-oriented Radiation Therapy Treatment Planning System (Seminar series **Medical Applications of Computers**) Dr. J.R. Cunningham, Princess Margaret Hospital. 3163 Medical Sciences Building. 3 p.m.

Janos Starker, cellist. (Last in series Special Concerts) MacMillan Theatre, Edward Johnson Building. 8.30 p.m. Tickets \$7 orchestra, \$4 balcony. Telephone 978-3744. (Music and CBC)

TUESDAY MARCH 1

The Drama of Marlowe (Lecture in Scarborough Sesquicentennial Renaissance Festival) Prof. Clifford Leech, Department of English and Prof. G.B. Hibbard, University of Waterloo. R-3103 Scarborough College. 3 p.m.

The Heritage of China: The Philosophical and Religious Heritage (First of four Sesquicentennial lectures) Prof. W.A.C.H. Dobson, East Asian Studies. 205 Faculty of Library Science, 140 St. George St. 8 p.m.

Radio Emission from Selected Novae, Emission-Line Stars and X-Ray Sources (Colloquium) Dr. E.R. Seaquist, Department of Astronomy. David Dunlap Observatory. 4 p.m.

Current Concepts of Multiple Sclerosis (Neuroscience seminar) Dr. Donald H. Silberberg, University of Pennsylvania. Osler Hall, Academy of Medicine. 5 p.m.

Grandeur and Obedience (Film in series **Civilization**, Kenneth Clark) Scarborough College, two screenings H-214 at 12 noon and S-128 at 4 p.m.

WEDNESDAY 2

Forestry Practices in Alberta (Lecture) Des Crossley, former chief forester for Northwest Pulp and Power. 4th floor lounge, Forestry & Landscape Architecture, 203 College St. 12.30 p.m.

The Ambiguity of Analysis: The Problem of Knowing Ourselves (Second lecture in series **To Know Ourselves**, lectures and panel discussions on Symons Report) Prof. Stephen Clarkson. Department of Political Economy. West Hall, U.C. 1 p.m.

Political Science, Economics and the Symons Report (Second panel discussion in series **To Know Ourselves**) Profs. Stephen Clarkson, Mel Watkins and Jack Carr, Department of Political Economy. Croft Chapter House. 4.15 p.m.

The Occurrence of Prairie Communities and Prairie Plants in parts of Central Ontario (Departmental seminar) Anthony Reznicek. Room 7 Botany Building. 4 p.m.

Dianne Heatherington with Mark Rutherford. Pop concert. East common room, Hart House. 12 noon.

Ralph Gustafson, poetry reading. 1016 New College. 8 p.m.

What the Butler Saw (Performance sponsored by Woodsworth College Students' Association) Toronto Truck Theatre, 94 Belmont St. 8.30 p.m. Tickets \$3 from Woodsworth College or APUS office, 1089 Sidney Smith Hall.

THURSDAY 3

Victory Without Vanity (Lecture on competition in series **KNOW Sweat**) Gary Diggins. International Student Centre. 12.30 p.m. (Ontology Club)

Is Anyone Out There? (Lecture) Prof. R.C. Roeder, Department of Astronomy. Meeting Hall, Civic Centre, Scarborough. 1 p.m.

The Iconography of the French Royal Court during the Renaissance (Lecture in Scarborough Sesquicentennial Renaissance Festival) Prof. McAllister Johnson, Department of Fine Art. S-143 Scarborough College. 3 p.m.

The Cultural Consequences of Literacy: Writings about Technology in the Late Middle Ages and Early Renaissance (Lecture) Prof. Bert S. Hall, State University of New York, Buffalo. Upper Library, Massey College. 4.10 p.m. (IHPST and SGS)

The History of the Black Community in Toronto (Lecture in Dialogue '77 series) Dr. Daniel Hill, special adviser to the President on Human Rights. Woodsworth College. 5.15 p.m.

The Dynamics of Deserts and Desert Margins (Andrew Thomson Lecture) Dr. J.G. Charney, Massachusetts Institute of Technology. 102 McLennan Physical Laboratories. 4.10 p.m. (Physics, Atmospheric Environment Service and Canadian Meteorological Society)

The New Religions of Korea (Illustrated lecture) Prof. H. Byron Earhart, Western Michigan University. 113 New Academic Building. 7 p.m. (Religious Studies and SGS)

The Child and the Community (Last lecture in series **The Child in the City: Today and Tomorrow**) Dr. Alvin Schorr, Community Service Society, New York City. Auditorium, Medical Sciences Building. 7.30 p.m.

The Heritage of China: The Historical Heritage (Second of four Sesquicentennial lectures) Prof. W.A.C.H. Dobson, East Asian Studies. 205 Faculty of Library Science, 140 St. George St. 8 p.m.

Moose and Caribou Behaviour and Communciation (Fifth of eight lectures, **Communication in Animals**) Dr. Anton Bubenik, research branch, Ministry of Natural Resources. ROM Theatre. 8 p.m.

The Salvage of the Monuments of Philae (Lecture) Prof. Louis Zabkar, Brandeis University. Lecture room, McLaughlin Planetarium. 8.30 p.m.

Graduate Student Workshop on Factory Work and Local Community in Toronto (Sociology colloquium) Lounge, Borden Building. 7.30 p.m.

Effects of parathyroid extract on cell population dynamics of rat periodontal ligament (Seminar) Dr. W. Eugene Roberts, University of the Pacific; R.S. McLaughlin Visiting Scientist. 305 Faculty of Dentistry. 12 noon.

Buying for the Future (Fourth in seminar series on **HH Permanent Collection — Past, Present and Future**) Jerry Moses, art consultant. Bickersteth Room, Hart House. 7 p.m. (Art Committee)

Collegium Musicum under the direction of Greta Kraus. Walter Hall, Edward Johnson Building. 2.10 p.m.

The School for Wives, Moliere,

JACK JUGGLER

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directed by Richard Howes. Erindale College Student Theatre Group. Studio Theatre, Erindale. March 3 at 1 and 8 p.m., March 4 and 5 at 8 p.m. Tickets \$1.25. Telephone 828-5349.

FRIDAY 4

The Law and the Paperwork: Traits of Japanese Bureaucracy from Yoritomo to the Ministry of International Trade and Industry (Lecture) Dr. Carl Steenstrup, Harvard University. Croft Chapter House. 11 a.m. (East Asian Studies Committee CIS)

Galileo and the Pendulum: Observation, Experiment and Theory in the Act of Discovery (Colloquium) Prof. Bert S. Hall, State University of New York, Buffalo. IHPST common room, 4th floor, Textbook Store. 2.10 p.m.

Laser Vaporization Techniques Applied to the Analysis of Aerosols and Solids (Colloquium) Dr. A.R. Barringer, Barringer Research, Toronto. 158 Lash Miller Chemical Laboratories. 4 p.m.

Music of Elizabethan England by The Elizabethan Enterprise (Concert in Scarborough Sesquicentennial Renaissance Festival) Meeting Place, Scarborough College. 8.30 p.m. Tickets \$2. Telephone 284-3243.

SATURDAY 5

The Joints that Allow Us to Stand and Look Ahead (Lecture) Prof. Edward H. Simmons, chief of orthopaedic surgery, Toronto East General and Orthopaedic Hospital. Convocation Hall. 8.15 p.m. (Royal Canadian Institute)

Bygone Toronto (Symposium) A look at Toronto from 1900-1916. Participants: Allan Anderson; Betty Tomlinson; Prof. J.M. Bliss, Department of History; William

Dendy, Toronto Historical Board; Edith Firth, head of Canadiana and manuscript section, Central Library; Profs. G.M. Craig and J.M. Careless, Department of History; Prof. J.T. Lemon, Department of Geography. Medical Sciences Building. 9 a.m. to 5 p.m. Registration fee \$25. Information 978-2400. (School of Continuing Studies)

Science Open House at Scarborough College. March 5 and 6 from 12 noon to 6 p.m.

SUNDAY 6

Keeping an Eye on the Earth (Ninth lecture in special Sesquicentennial series at Science Centre) Prof. Keigo Iizuka, Department of Electrical Engineering. Main auditorium, Ontario Science Centre. 3 p.m.

MONDAY 7

Computer-assisted Evaluation of Therapeutic Programs (Seminar series **Medical Applications of Computers**) Dr. Gary Miller, York University. 3163 Medical Sciences Building. 3 p.m.

Meeting to discuss Secondary/Post-Secondary Interface Study report. Resource: Professor Milton Israel, Vice-Provost and Wim Kent, Department of Admissions. Innis Town Hall, Innis College. 8 p.m. (U of T Alumni Association)

TUESDAY 8

The Heritage of China: The Literary Heritage (Third of four Sesquicentennial lectures) Prof. W.A.C.H. Dobson. 205 Faculty of Library Science, 140 St. George St. 8 p.m.

Aspects of Degenerative Joint Diseases (Wallace Graham Memorial Lecture) Dr. Eric L. Radin, Children's Hospital, Boston. Main lecture theatre, Sunnybrook Hospital. 8 p.m.